

MIL-DTL-83723, Series III, Pyle®

How to Order – Hermetic, Military or Pyle Commercial

	1.	2.	3.	4.	5.
	Connector Type	Connector Style and Contact Type (Crimp)	Service Class	Shell Size/Insert Arrangement	Alternate Keying Position of Shell
MILITARY HERMETIC	M83723	/88	y	16-24	6

	1.	2.	3.	4.	5.	6.	7.	8.
	Connector Style	Shell Style	Shell Size/Insert Arrangement	Contact Type	Contact Style	Alternate Contact Finish	Alternate Keying Position of Shell	Variations
COMMERCIAL HERMETIC	BTY	-17	16-24	S	1	D	06	XXXX

1. MILITARY CONNECTOR TYPE

M83723	Designates MIL-DTL-83723 Series III Connectors
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2. MILITARY HERMETIC CONNECTOR STYLE

/88	Hermetic, Threaded Square Flange Receptacle
/89	Hermetic, Threaded Jam Nut (D-Hole Mount) Receptacle
/90	Hermetic, Threaded Solder Mounted Receptacle

(Refer to military specification slash sheet number.)

3. SERVICE CLASS

Y	Hermetic, Stainless Steel, 200°C, with Solderwell Contacts
H	Hermetic, Tin Plated Carbon Steel, 150° C

For availability of a Plated Steel Shell, consult Amphenol Aerospace.

4. SHELL SIZE & INSERT ARRANGEMENT FROM CHART ON PG. 26

(Except sizes 24 and 28 are not available in Hermetic Styles.) First number represents Shell Size, second number is the Insert Arrangement

5. ALTERNATE KEYING POSITION - ROTATION OF MASTER KEY/KEYWAY OF SHELL

Use N for normal. Use 6, 7, 8, 9 or Y for alternate keying positions. See page 26 for descriptions.

1. COMMERCIAL HERMETIC CONNECTOR STYLE

BTY	Hermetic, Threaded, Stainless Steel, with 'O' ring seal
BFY	Hermetic, Threaded, Stainless Steel, Static/Dynamic Seal
BNY	Hermetic, Threaded, Stainless Steel, Electro-deposited Nickel plated, with Static/Dynamic Seal

2. SHELL STYLE

-17	Square Flange Receptacle
-19	Jam Nut (D-Hole Mount) Receptacle
-14	Solder Mounted Receptacle

3. SHELL SIZE & INSERT ARRANGEMENT FROM CHART ON PG. 26

(Except sizes 24 and 28 are not available in Hermetic Styles). First number represents Shell Size, second number is the Insert Arrangement

4. CONTACT TYPE (CRIMP)

P	Pin Contacts
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5. CONTACT STYLE

1	Solderwell Contacts (Mil-Spec Type)
4	Eyelet Contacts

6. ALTERNATE CONTACT FINISH

D	.000050 (per MIL-DTL-83723, III) Gold
V	.000100 Gold

7. ALTERNATE KEYING POSITION - ROTATION OF MASTER KEY/KEYWAY OF SHELL

Omit for normal. Use 06, 07, 08, 09 or Y for alternate keying positions. See page 26 for descriptions.

8. VARIATIONS

Y144	260°C Capability (Euro Market)
Y163	200°C Capability (Euro Market)
Y186	260°C Capability per G.E. M50TF3564, Class B
Y188	200°C Capability per G.E. M50TF3564, Class A